

WACKER® E35 10000

Silicone Fluid Emulsions

Silicone Emulsion WACKER® E35 10000 is a 35% emulsion of a high viscosity Polydimethylsiloxane. It is designed to be used in many applications, such as mold release, car and furniture polish, textile lubricants and softeners, automotive care, and other specialty product applications. The E35 Series emulsions contain sodium nitrite as a corrosion inhibitor. These emulsions should not be used in contact with amines.

Properties

- Ease and versatility of application
- Chemical inertness

Technical data

General Characteristics

Property	Condition	Value	Method
Emulsifier type	-	Nonionic	-
Solid content	-	38 %	-
Appearance	-	Milky-white	-
Diluent (2% solids in 200 ppm hard water after 30 days)	-	No separation	-

These figures are only intended as a guide and should not be used in preparing specifications.

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

Applications

- Chemical Industry

Application details

In mold release applications, Wacker's silicone emulsions are normally diluted to 0.5% - 2.5%. However, in a polish or specialty product formulation, the emulsions are normally used in their concentrated form. In most formulations, the type of emulsion used will depend mostly upon the type of product being prepared. For example, a furniture polish formulator should use a silicone emulsion system that provides high gloss and ease of application and rubout. Many times these features are best achieved by blending two emulsions together, such as E35 350 and WACKER® E35 10000, or possibly E35 100 and E35 1000 to get a combination of properties. Normally, a higher viscosity type silicone will give high gloss and durability, while the lower viscosity emulsions are easier to apply and rubout.

Packaging and storage

Storage

Under normal warehouse conditions, these emulsions are stable in unopened containers for 12 months. Freezing should be avoided and these emulsions should not be stored above 32°C (90°F). The "Best use before end date" of each batch is shown on the Certificate of Analysis. Storage beyond the date specified on the Certificate of Analysis does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

Safety notes

For specific information regarding safe handling of this material, please refer to the Safety Data Sheet.

QR Code WACKER® E35 10000



For technical, quality or product safety questions, please contact:

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